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(54) Title: NOVEL PROCESS FOR PREPARATION OF 10-OXO-10, 11-DIHYDRO-5H-DIBENZ [b,f]AZEPINE-5-CARBOXYAMIDE (OXCARBAZEPINE) VIA INTERMEDIATE, 10-METHOXY-5H-DIBENZ[b,f] AZEPINE-5-CARBONYLCHLORIDE

(57) Abstract: Novel process for preparation of 10-oxo-10, 11-dihydro-5H-dibenz[b,f] azepine-5-carboxamide (oxcarbazepine) via intermediate 10-methoxy-5H-dibenz [b,f] azepine -5 carbonyl, chloride; comprising the steps: a) Preparation of an intermediate 10-methoxy-5H-dibenz [b,f] azepine -5 carbonyl, chloride from 10-methoxyiminostilbene using bis (trichloromethyl) carbonate (BTC) with organic base such as aliphatic or aromatic tertiary amines in organic solvent b) Conversion of the intermediate to 10-methoxy-5H-dibenz[b,f] azepine -5- carboxamide using ammonia in organic solvent c) Formation of oxcarbazepine from step(b) using Lewis acid in an organic solvent at a temperature between 25°C - 80°C, preferably at 50°C to 70°C d) Isolation of oxcarbazepine.

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